FUJITSU

DATA SHEET

ESPRIMO Q5030 E-Star 5.0

The mini with more PC per cm³

Issue: November 2009

ESPRIMO Q5030 E-Star 5.0

A real eye-catcher on your desk - the extremely small and stylish ESPRIMO Q. This fully equipped next generation PC has a volume of just 1.4 liters. State-of-the-art Intel® Centrino Mobile technology meets all the requirements placed on a desktop computer - with minimal energy consumption and minimal noise.

Modern PC for demanding business

Eye-catcher on every desk with a modern and exclusive design

- Mini PC with only 1.4 liter volume, 1.7 kg light

Energy-saving

Reduced power costs and consumption are easy on the budget.

- State-of-the-art Intel® Centrino Mobile technology

Small yet versatile

Large choice of components to meet all demands.

- Up to 4 GB memory, 320 GB hard drive, 6 USB ports

Green IT

QUIET RUNNING

TWINLOAD

MOBILE IN DESKTOP

BACKPACK SOLUTION

MANAGEABILITY

Components

Processor	Intel® Core™2 Duo processor P8700 (2.53 GHz, 3 MB, 1066 MHz)
	Intel® Core™2 Duo processor T6670 (2.2 GHz, 2 MB, 800 MHz)
	Intel® Core™2 Duo processor T5870 (2.0 GHz, 2 MB, 800 MHz)
	Intel® Celeron® processor 900 (2.2 GHz, 1 MB, 800 MHz)
Memory modules	2 GB (1 module(s) 2 GB) DDR2, 800 MHz, PC2-6400, SO DIMM
	1 GB (1 module(s) 1 GB) DDR2, 800 MHz, PC2-6400, SO DIMM
Hard disk drives (internal)	SATA II, 7200 rpm, 160 GB, 2.5-inch, S.M.A.R.T.
	SATA II, 5400 rpm, 320 GB, 2.5-inch
	SATA, 5400 rpm, 250 GB, 2.5-inch
	SATA, 5400 rpm, 160 GB, 2.5-inch
Hard disk notes	Supporting NCQ and 3 GBit
Modular bay options	Blu-ray Combo SATA Slot-in slim
	DVD Super Multi Slot-in slim
Interface add on cards/components (optional)	
	Bluetooth 2.0
	Atheros Minicard b/g/n
Base unit	**ESPRIMO Q5030 E-Star5**
Mainboard	
Formfactor	proprietary
Chipset	Intel® GM45, ICH 9-M
Processor socket	Socket P
Processor quantity maximum	1
System bus (FSB / HT / QPI)	1066 MHz
Memory slots	2 SODIMM
Supported capacity RAM (max.)	4 GB
Memory frequency	667 MHz
Memory notes	Dual channel support. For dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same In configurations with 4 GB the visible memory may be reduced to approximately 3.5 GB or less (for 32 bit operating systems, depending on system configuration)
LAN	10/100/1000 MBit/s Intel® 82567LF
WLAN	optional
BIOS version	Phoenix Award BIOS
BIOS features	BIOS Flash EPROM update by software Recovery BIOS
Audio codec	Realtek ALC888
Audio features	High Definition audio
I/O controller on board	
Serial ATA total	3
thereof eSATA	1 (external on rear side)
Controller functions	Serial ATA II 3 GBit AHCI
Interfaces	
Audio: line-in	1
Audio: line-in / microphone	1
Audio: line-out / headphones / SPDIF	1 (optical)
DVI	1
eSATA	1
Ethernet (RJ-45)	1
Front audio: headphone	-
Front audio: line-in / microphone	-

Interfaces	
Mouse / Keyboard (PS/2)	-
USB front	2
USB rear	4
USB 2.0 total	6
VGA	via DVI to VGA-Adapter
Input device / components	
	Optical USB tilt wheel mouse
Drive bays	
Drive bays total	2
2.5-inch bays	1
5.25-inch external bays	1
Drive bay notes	slim slot-in
Graphic on board	
Graphics brand name	Mobile Intel® GMA 4500M HD
Refresh rate 1024 x 768 (recommended / max.)	85 Hz / -
Refresh rate 1280 x 1024 (recommended / max.)	85 Hz / -
Refresh rate 1600 x 1200 (recommended / max.)	85 Hz / -
TFT resolution (VGA)	1360 x 768 pixel 1440 x 900 pixel 1680 x 1050 pixel 1920 x 1200 pixel
TFT resolution (DVI)	1360 x 768 pixel 1440 x 900 pixel 1680 x 1050 pixel 1920 x 1200 pixel
Graphics notes	Shared memory depending on driver Resolution (color depth up to 32 Bit/pixel) For TFT we recommend to using 60Hz.
Electrical values	
Rated frequency range	50 - 60 Hz
Operating voltage range	100 - 240 V (AC Input)
Power consumption	
Power consumption note	see white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=f30db8d0-199a-450c-8fca-90ee397d03c9
Heat dissipation	
Heat dissipation notes	see white paper Energy Consumption
Noise for standard configuration (HDD, ODD, FDD)	
Noise emission	According to ISO9296
Noise Operation mode 1: ODD load (Blue angel requirement)	4.5 B / 31 dB(A)
Noise Operation mode 2: HDD load (Blue angel requirement)	3.2 B / 16 dB(A)
Noise Operation mode 3: CPU 90% load (Blue angel requirement)	3.8 B / 23 dB(A)
Noise Operation mode 4: High load	3.7 B / 22 dB(A)
Noise Operation mode 5: Office applications	3.2 B / 16 dB(A)
Idle mode (Blue Angel requirement)	3.3 B / 16 dB(A)
Noise notes / description	Noise for standard configuration CPU, HDD, ODD; A weighted sound power level Lwad (in B) / Workplace related A-weighted sound pressure level LpAm (in dB(A)), (bystander position) (ISO9296)

Dimensions / Weight / Environmental	
Dimension (W x D x H)	165 x 165 x 50 mm
Operating position	Backpack solution (optional)
Weight	approx. 1.7 kg
Weight notes	Weight may vary depending on actual configuration
Operating ambient temperature	5 - 35°C

Compliance	
Product	ESPRIMO Q5030
Model	MPC-D1001
Germany	Blauer Engel / Blue Angel
Europe	CE Nordic Swan EN 60601-1-2
USA/Canada	cCSAus
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronical equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 5.0 EPEAT® Silver
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx

Operating system	
Operating system optional preinstalled	Microsoft® Windows® 7 Home Premium Microsoft® Windows® 7 Professional Microsoft® Windows Vista® Home Basic Microsoft® Windows Vista® Home Premium Microsoft® Windows Vista® Business 32-bit TwinLoad Microsoft® Windows® XP Professional (DVD)
Operating system compatible	Linux
Operating system notes	All Windows Vista® and Windows® 7 versions are Office 2007 ready.

Additional Software	
Additional software (preinstalled)	Nero Essentials S (burning software)
Additional software (optional)	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD) CyberLink PowerDVD BD (playback software for Blu-ray Disc™, only with Blu-ray Disc™ drive)

Manageability	
Manageability features	DeskView Migrate (optional) DeskView Control (optional) PXE 2.1 Boot code Wake up from S5 (off mode)
DeskView features	Detailed system inventory management and reports WoL (Wake on LAN)
Manageability link	http://ts.fujitsu.com/manageability http://www.altiris.com/fujitsu

Security	
Physical security	Kensington Lock support
System security	Boot sector virus protection
User security	User and supervisor BIOS password Optional: Access protection via external SmartCard reader

Packaging information	
Packaging dimension	395x198x284 mm
Max. quantity / pallet	48
Material - Weight (g) Carton	670g
Material - Weight (g) EPS / PS	appr. 10 g
Material - Weight (g) PE	appr. 125 g
Packaging notes	printed user documentation is bleached in chlorin free process

Warranty
Maintenance and Support Services - the perfect extension

Warranty

Recommended Service	5x9, Response Time: Next Business Day
Spare Parts availability	5 years
Service Weblink	http://ts.fujitsu.com/Supportservice

EPEAT SILVER

Microsoft GOLD CERTIFIED Partner

2008 OEM HARDWARE SOLUTIONS
PARTNER OF THE YEAR-WINNER
Device Manufacturing

sehr gut 86%

Information about environmental care, policies, programs and our Environmental Guideline FSC 03230:
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Take back and Recycling information:
http://ts.fujitsu.com/recycling

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